Title (en)

SOIL TILLAGE APPARATUS AND METHOD

Title (de)

BODENBEARBEITUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)

APPAREIL ET PROCÉDÉ DE LABOUR DU SOL

Publication

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Application

EP 16854285 A 20161006

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Abstract (en)

[origin: US2016100516A1] In one embodiment, a soil tillage apparatus comprises a frame having an earth cutter, a hammer tiller, chiselers, a soil leveler, and a packer wheel all in a linear arrangement. The earth cutter comprises a plurality of discs and is positioned at the front of the frame, proximal to a tractor, truck, or other pulling means. The hammer tiller is positioned behind the earth cutter and comprises a rotary drum having one or more pulverizes attached thereto for pulverizing soil received from the earth cutter. The chiselers are positioned next and dig deep into the soil that is not passed above by the hammer tiller. The soil leveler comprises a rotary drum with a plurality of protrusions for leveling the soil. The packer wheel likewise comprises a rotary drum with a plurality of protrusions which may be used for leveling purposes or for seed bed furrowing, depending upon the arrangement.

IPC 8 full level

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